

To Grow HEALTHY



LIQUID *Pent-a-vate*

SOIL CONDITIONER

Pat. Pending



Cultivating




Watering




Fertilizing

DON'T LET SOIL CONDITIONS DISCOURAGE YOU IN YOUR GARDEN


CULTIVATING becomes easy with **Pent-a-vate**. No more back breaking work with soils that are compact and hard to dig. **Pent-a-vate** will make it soft, pliable and loamy, so that it will be a joy to work in your garden. Joy, not only for the gardener, but for the plants as well.



WATERING is no longer a problem with **Pent-a-vate**. Water does not stand in puddles or drown out plants on hard ground. Water is not wasted and does not run off, but is absorbed clear down into the subsoil. Moisture is retained in both hard and sandy soils, and it is not necessary to water so often.



FERTILIZING obtains its full value with the use of **Pent-a-vate**. Through a process of oxidation caused by **Pent-a-vate**, the plant food value of the fertilizers applied is made available to the plants. Most problem soils are not able to break down fertilizers or manures therefore no results are forthcoming. **Pent-a-vate** can change that.



12 REASONS WHY YOU SHOULD USE PENT-A-VATE

- | | |
|-----------------------------------|---------------------------------|
| 1. IMPROVES AIR-WATER PENETRATION | 7. REDUCES ALKALINITY |
| 2. MOISTURE IS MAINTAINED | 8. CONDITIONS IRRIGATION WATER |
| 3. SOIL BECOMES LOAMY & POROUS | 9. ELIMINATES FERTILIZER WASTE |
| 4. OPENS THE SUBSOIL | 10. EASY TO APPLY |
| 5. INCREASES ROOT GROWTH | 11. IS VERY ECONOMICAL |
| 6. RELEASES PLANT FOOD ELEMENTS | 12. SAFE TO USE WITH ALL PLANTS |



Liquid **Pent-a-vate**

SOIL CONDITIONER

Pent-a-vate, the new scientific discovery, is a clear liquid containing a group of enzyme systems, originating from living vegetable plant cells. It is a catalytic agent, that acts similarly to pepsin or other digestive substances which dissolve or decompose organic and chemical substances. It creates favorable conditions beneficial to micro-organic life and sets up a process of particle grouping or flocculation of the soil.

PENT-A-VATE

**Gives You Many Actions
in One Application**

REAL ECONOMY

Use Only 1 gallon to
800 square ft. of soil.

Pent-a-vate, developed for commercial farmers who are limited by what they can spend for producing crops. Now you can take advantage of this economical way to improve your soil . . .



FULL GALLON
Concentrated

Only \$ 
\$2.85

**EASY TO APPLY—NO HARD
WORK—NO DIGGING—JUST
DILUTE WITH WATER AND
SPRAY OR SPRINKLE
PENT-A-VATE ON THE SOIL.**

THERE IS NOTHING JUST LIKE PENT-A-VATE

DRAMATIC IMPROVEMENT IN SOILS FOLLOWS USE OF PENT-A-VATE

HEAVY ADOBE OR CLAY SOILS MADE LIGHT



When **Heavy Adobe or Clay Soils** are treated with **Pent-a-vate** an acceleration of all the processes in the soil by its electrolytes causes a separation of the small individual part-

icles into groups or flocs. Thus it loses its compact body and assumes a sponge like texture which can **absorb** and **retain** that moisture, making it **easier to dig**, with fewer irrigations necessary.

Plants will wilt in a compacted soil even when the soil feels wet. Hard packed lifeless soils can produce only sickly, weak plants as the roots cannot develop properly in a tight soil.

With the use of **Pent-a-vate**, you can create in your soil a good physical structure which will produce hardy, healthy and vigorous plants with much less effort on your part.

LIGHT SANDY SOILS WILL HOLD WATER

In **Sandy Soil**, **Pent-a-vate** accelerates the decomposition of organics to a humus which acts as a binder between the sandy particles, forming stable little aggregates or crumbs. This improved soil structure helps to hold moisture and fertilizer nutrients which is available to the plant when needed.

A FERTILE SOIL IS A LIVING

BUILDING HEALTHY SOILS

A healthy soil is a living soil. Each spoonful of good soil contains millions of living microscopic organisms. If this population in the soil is not adequately fed, the plants and the soil will suffer.

The best way known to build healthy soils is by incorporating organic and mineral matter with the soil. In this process nothing should be wasted. Humus and fertilizer can be made from such organic material as grass clippings, leaves, hedge trimmings, trees, shrubs and vegetable wastes together with different animal manures.

Spread them on the soil, spray with regular mixture of **Pent-a-vate** for quick and odorless breakdown and incorporate them into the soil where the microorganisms will convert them into an easily assimilable plant food.

NEW ROOTS MAKE BETTER PLANTS



Invariably, new, healthy and vigorous roots develop after the use of **Pent-a-vate**. By conditioning, the soil is opened up and air and water penetrate deeper, new and more vigorous root system develops. A strong network of roots in a soil with a good physical structure is the best foundation any plant can have.

SAFE—EASY TO USE

No harsh ingredients in **Pent-a-vate**. It is purely organic. You may safely use it on the soil of your most delicate flowers and plants.

HOW TO USE PENT-A-VATE

Pent-a-vate is a soil and water conditioner and therefore can be used with great benefit on all kinds of soil and plants.

RECOMMENDED FOR ALL GARDEN USES

ESTABLISHED LAWNS
ROSE GARDENS
FLOWER BEDS

TREES
SHRUBS
HEDGES

VEGETABLE GARDENS

GENERAL DIRECTIONS

Mix one pint of **Pent-a-vate** with 2½ gallons of water. Apply this mixture with sprinkling can to cover an area of 100 square feet or 10 feet x 10 feet.

When liquid fertilizer applicators or proportioners are used for the application, pour 1 quart of **Pent-a-vate** into the applicator jar to cover 200 square feet.

WATER CAREFULLY

After **Pent-a-vate** has been applied, water it down slowly and carefully with sprinkler hose. When using **Pent-a-vate** on slopes, particular care should be taken to make sure that the **Pent-a-vate** application really soaks into the soil. Sprinklers with a real fine spray and low water output should be used.

NEW LAWN AND NEW PLANTINGS

When making new lawns, sprinkle or spray a regular **Pent-a-vate** mixture on the soil and rake or cultivate in lightly, shortly before seeding. One gallon of **Pent-a-vate** is sufficient for the average lawn.

POTTED PLANTS

For watering potted plants use a mixture of one teaspoonful of **Pent-a-vate** to one quart of water.

TRANSPLANTS

For watering transplants, use mixture of 1 pint of **Pent-a-vate** in 10 gallons of water.

SOIL . . . FULL OF ORGANISMS AND PULSATING WITH LIFE

LIQUID **Pent-a-vate**

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COMPOST AND EARTH WORM BEDS

Make good compost. Use 1 quart **Pent-a-vate** to 2½ gallons water per square yard of compost or earthworm beds.

HOW OFTEN TO USE PENT-A-VATE

Apply **Pent-a-vate** to your soil at least 3 times a year in order to build and maintain healthy soil conditions.

The regular recommended **Pent-a-vate** mixture may be reduced to one-half after the first application: viz, ½ pint to 2½ gallons of water for 100 square feet.

Pent-a-vate should be applied one week before or after the use of commercial fertilizers.

Favorable reactions may be noticed quite soon after using **Pent-a-vate**. However, soils are not built in a day and where a real soil building job exists, a program including the regular use of **Pent-a-vate** and other soil building materials is recommended.

PENT-A-VATE DISTRIBUTION CO.

Anaheim, California

Sold By

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